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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Daniel K. Sodickson
Serial No.: 10/771,041
Confirmation No.: 1542
Filed: February 3, 2004
For: PARALLEL MAGNETIC RESONANCE IMAGING
TECHNIQUES USING RADIOFREQUENCY COIL
ARRAYS

Examiner: Tiffany A. Fetzner
Art Unit: 2859

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE REGARDING DRAWINGS

Sir:

Applicant hereby responds to the Notice Regarding Drawings mailed July 13, 2005. A new set of formal drawings is supplied herewith.

The top margin of Fig. 1 has been corrected. Applicant has inspected the lines and numbers on Fig. 1 in accordance with item 10 of the Notice, but can find no lines or numbers which are not uniform, well defined, clean, durable and in black.

With respect of Fig. 4b, the horizontal line through the two instances of the word "Harmonic" has been removed. All of the lines in Fig. 4b are now believed to be uniformly thick, well-defined, clean, durable and black.

With respect of Figs. 5-6, 7d, 8d, 9a-11a, 11c-14b and 22a-23b, the Notice indicates, at item 10, that the lines, numbers and letters were not uniformly thick and well defined, etc. All of those figures have been reviewed during the course of making the new set of formal drawings, with attention to the character of the lines, numbers and letter, and all are now believed to be appropriately uniformly thick, well-defined, clean, durable and black. In some of those figures, computer-generated images are presented. These images come from MRI systems and are grey-

scale images reproduced as accurately as possible. Indeed, there are no lines, numbers or letters in some figures, such as Figs. 5 (other than the arrows), 5a-5c (other than the coil numbering and harmonic numbering), 7d (other than the legends at the top of the pair of images), 8d (other than the legends at the top of the two images), 9a-9b (other than the arrows and waveforms), 10a-10c, 11a (other than the coil numbers at the top of the images), 11c-14b (other than two words in Fig. 11c, wording at the top of the images in Fig. 12a, SNR numbers in Figs. 12a-12c, 22a-22, and 23a-23b. (The single figure letters have been removed from Figs. 13a-f and 22a-e.) If the Notice intends to raise an objection to the quality of the images reproduced in those figures, it fails to do so, and those images were accepted in prior sets of drawings that were indicated to be formal, as well as in the parent application, which has now issued as a patent.

Accordingly, this new set of replacement formal drawing sheets is in full compliance with all drawing requirements and Applicant requests entry of these drawings and completion of the publication process.

Respectfully submitted,
Daniel K. Sodickson, Applicant

By:



Steven J. Henry, Reg. No. 27,900
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Docket No.: B0662.70055US00
Date: August 17, 2005
x09/13/05x



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Sir:

Transmitted herewith for filing are the following documents:

- Response To Notice Regarding Drawings (with 29 sheets formal drawings Figs. 1-24)
 Return Post Card

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

No check is enclosed to cover the filing fee. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

Steven J. Henry, Reg. No. 27,900
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